

# Metadata

|  |   |
|--|---|
| <b>Title</b>                               | Manitoba Métis Federation Weather Keeper Program  |
| <b>Research Program Name</b>               | MMF Weather Keeper Program  |
| <b>Keyword Vocabulary</b>                  | Polar Data Catalogue  |
| <b>Keyword Vocabulary URL</b>              | <a href="https://www.polardata.ca/pdcinput/public/keywordlibrary">https://www.polardata.ca/pdcinput/public/keywordlibrary</a>               |
| <b>Website</b>                             | <a href="https://www.mmf.mb.ca/environment-climate-change#WeatherKeeper">https://www.mmf.mb.ca/environment-climate-change#WeatherKeeper</a> |
| <b>Theme</b>                               |   |
| <b>Title</b>                               | Freshwater  |
| <b>URL</b>                                 | <a href="https://canwin-datahub.ad.umanitoba.ca/data/group/freshwater">https://canwin-datahub.ad.umanitoba.ca/data/group/freshwater</a>     |
| <b>Status</b>                              | In Progress   |
| <b>Project Area</b>                        | Lake Manitoba,Lake Winnipegosis,Manitoba Great Lakes  |
| <b>Spatial regions</b>                     | manitoba-great-lakes  |
| <b>Spatial extent West Bound Longitude</b> |   |
| <b>Spatial extent East Bound Longitude</b> |   |
| <b>Spatial extent South Bound Latitude</b> |   |
| <b>Spatial extent North Bound Latitude</b> |   |
| <b>Project DOI</b>                         | 10.34992/0147-wx73  |
| <b>Metadata Creation Date</b>              | 2025  |
| <b>Publisher</b>                           | CanWIN  |
| <b>Principal Investigators</b>             |   |
| <b>Principal Investigators 1</b>           |   |
| <b>Principal Investigator Name</b>         | Manitoba Métis Federation   |
| <b>Type of Name</b>                        | Organizational  |
| <b>Principal Investigator Email</b>        | <a href="mailto:info@mmf.mb.ca">info@mmf.mb.ca</a>  |
| <b>Principal Investigator Affiliation</b>  | Manitoba Métis Federation   |
| <b>Principal Investigator ORCID ID</b>     |   |
| <b>Principal Investigators 2</b>           |   |

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**Type of Name** Personal

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**Principal Investigator Affiliation** Manitoba Métis Federation

**Principal Investigator ORCID ID**

## Co- Investigators

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**Co-  
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|---|--|
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| <b>Project Data Curator Affiliation</b> | Manitoba Métis Federation  |
| <b>Project Start Date</b>               | 2020-04-01   |
| <b>Project End Date</b>                 |  |
| <b>License Name</b>                     | Creative Commons Attribution 4.0 International   |
| <b>Licence Schema Name</b>              | SPDX   |
| <b>Licence URL</b>                      | <a href="https://spdx.org/licenses">https://spdx.org/licenses</a>  |
| <b>Terms of Access</b>                  | <b>**Users must notify the Manitoba Metis Federation of their intent to use the data and must also use the attribution or citation information when referring to the data.**</b><br>CanWIN datasets are licensed individually, however, most are licensed under the Creative Commons Attribution 4.0 International (CC BY 4.0) Public License. Details for the licence applied can be found using the Licence URL link provided with each dataset. By using data and information provided on this site you accept the terms and conditions of the License. Unless otherwise specified, the license grants the rights to the public to use and share the data and results derived therefrom as long as the proper acknowledgement is given to the data licensor (citation), that any alteration to the data is clearly indicated, and that a link to the original data and the license is made available. |
| <b>Terms of Use</b>                     | By accessing this data you agree to [CanWIN's Terms of Use](/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).  |
| <b>Awards</b>                           |  |
| <b>Awards 1</b>                         |  |
| <b>Award Title</b>                      | Indigenous engagement in the Lake Winnipeg Basin - Building watershed resilience   |
| <b>Award URL</b>                        | <a href="https://www.canada.ca/en/environment-climate-change/services/water-overview/comprehensive-approach-clean/lake-winnipeg/funding.html">https://www.canada.ca/en/environment-climate-change/services/water-overview/comprehensive-approach-clean/lake-winnipeg/funding.html</a>  |
| <b>Funder Name</b>                      | Environment and Climate Change Canada  |
| <b>Funder Identifier</b>                | 026ny0e17  |
| <b>Funder Identifier Type</b>           | ROR  |
| <b>Funder identifier URL</b>            | <a href="https://ror.org">https://ror.org</a>  |
| <b>Grant Number</b>                     |  |
| <b>Awards 2</b>                         |  |
| <b>Award Title</b>                      | CLIMATE CHANGE, THE MANITOBA GREAT LAKES, AND MOBILIZING GEOSPATIAL DATA FOR INDIGENOUS DECISION MAKING  |
| <b>Award URL</b>                        | <a href="https://www.nrcan.gc.ca/science-and-data/science-and-research/earth-sciences/geomatics/canadas-spatial-data-infrastructure/announcements/geoconnections-announcement-opportunities-for-the-fiscal-year-2021-2022/23164">https://www.nrcan.gc.ca/science-and-data/science-and-research/earth-sciences/geomatics/canadas-spatial-data-infrastructure/announcements/geoconnections-announcement-opportunities-for-the-fiscal-year-2021-2022/23164</a>  |
| <b>Funder Name</b>                      | Natural Resources Canada   |
| <b>Funder Identifier</b>                | 5hepy730   |
| <b>Funder Identifier Type</b>           | ROR  |
| <b>Funder identifier URL</b>            | <a href="https://ror.org">https://ror.org</a>  |
| <b>Grant Number</b>                     |  |
| <b>Awards 3</b>                         |  |
| <b>Award Title</b>                      | Manitoba Métis Federation Community-Based Climate Monitoring Project   |
| <b>Award URL</b>                        | <a href="https://www.rcaanc-cirnac.gc.ca/eng/1509728370447/1594738205979">https://www.rcaanc-cirnac.gc.ca/eng/1509728370447/1594738205979</a>  |
| <b>Funder Name</b>                      | Crown-Indigenous Relations and Northern Affairs Canada   |
| <b>Funder Identifier</b>                | 05xmf1h49  |
| <b>Funder Identifier Type</b>           | ROR  |
| <b>Funder identifier URL</b>            | <a href="https://ror.org">https://ror.org</a>  |
| <b>Grant Number</b>                     |  |

**Related Facilities** [9e21f6b6-d13f-4ba2-a379-fd962f507071]

## Data and Resources

|                          |   |
|--------------------------|---|
| <b>URL</b>               | <a href="https://geoconnections.ad.umanitoba.ca/d/JbY1plZ7z/st-laurent-mb-weather-dashboard?orgId=1&amp;refresh=1m&amp;theme=light">https://geoconnections.ad.umanitoba.ca/d/JbY1plZ7z/st-laurent-mb-weather-dashboard?orgId=1&amp;refresh=1m&amp;theme=light</a>   |
| <b>Name</b>              | St. Laurent, MB Li Taan Aen Staansyoon Weather Dashboard  |
| <b>Description</b>       | View near real-time weather station data from St.Laurent, MB. Click on <b>"Go To Resource"</b> to view the data page on the MMF website.  |
| <b>Format</b>            | HTML  |
| <b>Resource Category</b> | web_services  |
| <b>URL</b>               | <a href="https://canwinmap.ad.umanitoba.ca/dashboards/weather-stations/">https://canwinmap.ad.umanitoba.ca/dashboards/weather-stations/</a>   |
| <b>Name</b>              | Interactive Weather Station Map   |
| <b>Description</b>       | View the weather stations on an interactive map in our geospatial platform. <b>**How do I see the data?*</b> Click <b>**Go to resource**</b> on the right. On the map, view livestream data by open a panel on the left side of your screen. Click the <b>**i**</b> button to view instructions on how to use the dashboard, and click the Full-screen button to view the weather station f   |
| <b>Format</b>            | HTML  |
| <b>Resource Category</b> | web_services  |
| <b>URL</b>               | <a href="https://canwinmap.ad.umanitoba.ca/apps/96/embed">https://canwinmap.ad.umanitoba.ca/apps/96/embed</a>   |
| <b>Name</b>              | English Weather Keeper StoryMap   |
| <b>Description</b>       | Read about the Weather Keeper program as an interactive map story. The stories are available in English, French, and Michif.  |
| <b>Format</b>            | HTML  |
| <b>Resource Category</b> | web_services  |
| <b>URL</b>               | <a href="https://canwinmap.ad.umanitoba.ca/apps/95/embed">https://canwinmap.ad.umanitoba.ca/apps/95/embed</a>   |
| <b>Name</b>              | French Weather Keeper StoryMap  |
| <b>Description</b>       | Interactive map story in French.  |
| <b>Format</b>            | HTML  |
| <b>Resource Category</b> | web_services  |
| <b>URL</b>               | <a href="https://canwinmap.ad.umanitoba.ca/apps/64/embed">https://canwinmap.ad.umanitoba.ca/apps/64/embed</a>   |
| <b>Name</b>              | Michif Weather Keeper StoryMap  |
| <b>Description</b>       | Interactive map story in Michif.  |
| <b>Format</b>            | HTML  |
| <b>Resource Category</b> | web_services  |
| <b>URL</b>               | <a href="https://canwinmap.ad.umanitoba.ca/geoserver/ows?service=WFS&amp;version=1.0.0&amp;request=GetFeature&amp;typename=geonode%3AWeatherKeeper_stations&amp;outputFormat=json&amp;srs=EPSG%3A4269&amp;srsName=EPSG%3A4269&amp;access">https://canwinmap.ad.umanitoba.ca/geoserver/ows?service=WFS&amp;version=1.0.0&amp;request=GetFeature&amp;typename=geonode%3AWeatherKeeper_stations&amp;outputFormat=json&amp;srs=EPSG%3A4269&amp;srsName=EPSG%3A4269&amp;access</a> |
| <b>Name</b>              | MMF Weather Stations  |
| <b>Description</b>       | A map hosted on CanWIN's GeoPortal displaying the current weather stations actively streaming weather data at their corresponding location. Note: Dawson Bay is not streamir  |
| <b>Format</b>            | GeoJSON   |
| <b>Resource Category</b> | web_services  |

## Related Datasets

|              |   |
|--------------|---|
| <b>Title</b> | St Laurent Li Taan Aen Staansyoon_17060   |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/stlaurent-metdata_17060">https://canwin-datahub.ad.umanitoba.ca/data/dataset/stlaurent-metdata_17060</a> |
| <b>Title</b> | Dawson Bay Li Taan Aen Staansyoon_54190   |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/dawbay-metdata">https://canwin-datahub.ad.umanitoba.ca/data/dataset/dawbay-metdata</a>                   |

## Related Publications

|              |   |
|--------------|---|
| <b>Title</b> | Weather Keeper Logbook - ENG, FR CA, Michif   |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/weather-keeper-logbook">https://canwin-datahub.ad.umanitoba.ca/data/publication/weather-keeper-logbook</a>               |
| <b>Title</b> | L'Prâgramme dju Gardjjein d'la Mitiö  |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/weather-keeper-program-michif">https://canwin-datahub.ad.umanitoba.ca/data/publication/weather-keeper-program-michif</a> |
| <b>Title</b> | Guide à l'intention de l'utilisateur du programme de surveillance des conditions météorologiques  |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-user-guide-fr">https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-user-guide-fr</a>                         |
| <b>Title</b> | Weather Keeper Data Processing  |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-code">https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-code</a>   |
| <b>Title</b> | Weather Station Technician Guide  |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-tech-guide">https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-tech-guide</a>                               |
| <b>Title</b> | Weather Keeper User Guide   |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-user-guide">https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-user-guide</a>                               |
| <b>Title</b> | Le programme de surveillance des conditions météorologiques   |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/weather-keeper-program-fr">https://canwin-datahub.ad.umanitoba.ca/data/publication/weather-keeper-program-fr</a>         |
| <b>Title</b> | L'Gid Teknik pour la Stâssion Mitiörâlogik  |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-tech-guide-michif">https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-tech-guide-michif</a>                 |
| <b>Title</b> | L'Gid d'Utilizateurre dju Gardjjein d'la Mitiö  |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-user-guide-michif">https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-user-guide-michif</a>                 |
| <b>Title</b> | Guide technique de station météorologique   |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-tech-guide-fr">https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-tech-guide-fr</a>                         |
| <b>Title</b> | Weather Station Troubleshooting Guides  |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-trouble-guides">https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-trouble-guides</a>                       |
| <b>Title</b> | Weather Station Instrument Guide  |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-instrument-guide">https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-instrument-guide</a>                   |
| <b>Title</b> | Weather Keeper Decision Tree - ENG, FR CA, Michif   |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-decision-tree">https://canwin-datahub.ad.umanitoba.ca/data/publication/mmf-decision-tree</a>                         |
| <b>Title</b> | Weather Station Sensor Manuals  |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/met-sensor-manuals">https://canwin-datahub.ad.umanitoba.ca/data/publication/met-sensor-manuals</a>                       |
| <b>Title</b> | The Weather Keeper Program  |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/weather-keeper-program-eng">https://canwin-datahub.ad.umanitoba.ca/data/publication/weather-keeper-program-eng</a>       |

## Deployment details

|              |   |
|--------------|---|
| <b>Title</b> | DECOMMISSIONED St Laurent Li Taan Aen Staansyoon_13390  |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/deployment_details/st-laur-deploy">https://canwin-datahub.ad.umanitoba.ca/data/deployment_details/st-laur-deploy</a>             |
| <b>Title</b> | St Laurent Li Taan Aen Staansyoon_17060   |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/deployment_details/st-laur-17060-deploy">https://canwin-datahub.ad.umanitoba.ca/data/deployment_details/st-laur-17060-deploy</a> |
| <b>Title</b> | Dawson Bay Li Taan Aen Staansyoon_54190   |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/deployment_details/daw-bay-deploy">https://canwin-datahub.ad.umanitoba.ca/data/deployment_details/daw-bay-deploy</a>             |